

## **CRF Errors Edited by the STIC Systems Branch**

Serial Number: 10/500,477A

CRF Edit Date: 4/19/06  
Edited by: AN

— Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

— Corrected the SEQ ID NO. Sequence numbers edited were:

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— Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

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— Deleted: / invalid beginning/end-of-file text ; / page numbers

— Inserted mandatory headings/numeric identifiers, specifically:

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— Moved responses to same line as heading/numeric identifier, specifically:

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— Other:

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PCT

**RAW SEQUENCE LISTING**  
**PATENT APPLICATION:** US/10/500,477A

**DATE:** 04/19/2006  
**TIME:** 12:29:13

**Input Set :** A:\03-SQ Listing-18 Jan 2005.txt  
**Output Set:** N:\CRF4\04192006\J500477A.raw

3 <110> APPLICANT: Pettersson, Dan  
 4 Fuglsang, Claus Crone  
 5 Wu, Wenping  
 7 <120> TITLE OF INVENTION: Thermostable Enzyme Compositions  
 9 <130> FILE REFERENCE: 10254.204-US  
 11 <140> CURRENT APPLICATION NUMBER: 10/500,477A  
 12 <141> CURRENT FILING DATE: 2004-06-29  
 14 <160> NUMBER OF SEQ ID NOS: 18  
 16 <170> SOFTWARE: PatentIn version 3.3

**ERRORED SEQUENCES**

*Does Not Comply  
 Corrected Diskette Needed*

808 <210> SEQ ID NO: 18  
 809 <211> LENGTH: 335  
 810 <212> TYPE: PRT  
 811 <213> ORGANISM: Thermoascus aurantiacus  
 813 <400> SEQUENCE: 18  
 815 Met Lys Leu Gly Ser Leu Val Leu Ala Leu Ser Ala Ala Arg Leu Thr  
 816 -30 -25 -20  
 819 Leu Ser Ala Pro Leu Ala Asp Arg Lys Gln Glu Thr Lys Arg Ala Lys  
 820 -15 -10 -5 -1  
 823 Val Phe Gln Trp Phe Gly Ser Asn Glu Ser Gly Ala Glu Phe Gly Ser  
 824 1 5 10 15  
 827 Gln Asn Leu Pro Gly Val Glu Gly Lys Asp Tyr Ile Trp Pro Asp Pro  
 828 20 25 30  
 831 Asn Thr Ile Asp Thr Leu Ile Ser Lys Gly Met Asn Ile Phe Arg Val  
 832 35 40 45  
 835 Pro Phe Met Met Glu Arg Leu Val Pro Asn Ser Met Thr Gly Ser Pro  
 836 50 55 60  
 839 Asp Pro Asn Tyr Leu Ala Asp Leu Ile Ala Thr Val Asn Ala Ile Thr  
 840 65 70 75 80  
 843 Gln Lys Gly Ala Tyr Ala Val Val Asp Pro His Asn Tyr Gly Arg Tyr  
 844 85 90 95  
 847 Tyr Asn Ser Ile Ile Ser Ser Pro Ser Asp Phe Gln Thr Phe Trp Lys  
 848 100 105 110  
 851 Thr Val Ala Ser Gln Phe Ala Ser Asn Pro Leu Val Ile Phe Asp Thr  
 852 115 120 125  
 855 Asn Asn Glu Tyr His Asp Met Asp Gln Thr Leu Val Leu Asn Leu Asn  
 856 130 135 140  
 859 Gln Ala Ala Ile Asp Gly Ile Arg Ser Ala Gly Ala Thr Ser Gln Tyr  
 860 145 150 155 160  
 863 Ile Phe Val Glu Gly Asn Ser Trp Thr Gly Ala Trp Thr Trp Thr Asn

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864                   165                   170                   175  
867 Val Asn Asp Asn Met Lys Ser Leu Thr Asp Pro Ser Asp Lys Ile Ile  
868                   180                   185                   190  
871 Tyr Glu Met His Gln Tyr Leu Asp Ser Asp Gly Ser Gly Thr Ser Ala  
872                   195                   200                   205  
875 Thr Cys Val Ser Ser Thr Ile Gly Gln Glu Arg Ile Thr Ser Ala Thr  
876                   210                   215                   220  
879 Gln Trp Leu Arg Ala Asn Gly Lys Gly Ile Ile Gly Glu Phe Ala  
880 225               230               235               240  
883 Gly Gly Ala Asn Asp Val Cys Glu Thr Ala Ile Thr Gly Met Leu Asp  
884                   245               250               255  
887 Tyr Met Ala Gln Asn Thr Asp Val Trp Thr Gly Ala Ile Trp Trp Ala  
888                   260               265               270  
891 Ala Gly Pro Trp Trp Gly Asp Tyr Ile Phe Ser Met Glu Pro Asp Asn  
892                   275               280               285  
895 Gly Ile Ala Tyr Gln Gln Ile Leu Pro Ile Leu Thr Pro Tyr Leu  
896                   290               295               300

E--> 902 (1)

RAW SEQUENCE LISTING ERROR SUMMARY  
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Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,  
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:4,5,6,7,8,9,10,11,12,13

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/500,477A

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TIME: 12:29:14

Input Set : A:\03-SQ Listing-18 Jan 2005.txt

Output Set: N:\CRF4\04192006\J500477A.raw

L:230 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0  
L:263 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0  
L:291 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0  
L:314 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0  
L:337 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0  
L:902 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:18